

AMENDMENTS TO THE CLAIMS:

This listing of claims replaces all prior versions, and listings, of claims in this application:

1. (Currently Amended) A flexible wired circuit board having a plurality of layers formed in a generally rectangular, flat, strip-shape, and having a central portion and end portions, for temperature measurement, said layers comprising:

a conductor layer having two sides; and

a base insulating layer having two sides, wherein one side of the conductor layer is formed on one side of said base insulating layer;

wherein the central portion of the base insulating layer is generally narrow;

wherein the end portions of the base insulating layer are relatively rectangular, flat and laterally widened;

wherein the conductor layer is formed from a metal foil having a proportional relation between temperature and specific electric resistance;

wherein said conductor layer is formed as a predetermined pattern in which a relatively widened main wiring portion, a sensor-wiring portion extending continuously from one lateral end of the main wiring portion, and a connector-wiring portion extending continuously from the other lateral end of the main wiring portion are formed in one piece;

the sensor-wiring portion includes a temperature detecting portion formed of sensor wiring in a relatively thin, S-shaped form; and

wherein the temperature detecting portion is formed on the base insulating layer at one of the generally rectangular, flat, widened end portions of the base insulating layer, and the connector-wiring portion is formed at the other of the generally rectangular, flat, widened end portions of the base insulating layer.

2. (Previously Presented) The flexible wired circuit board for temperature measurement according to claim 1, wherein the conductor layer is a stainless foil.

3. (Canceled)

4. (Previously Presented) The flexible wired circuit board for temperature measurement according to claim 1, wherein the wiring in the temperature detecting portion has an entire length of 50 mm or more.

5. (Previously Presented) The flexible wired circuit board for temperature measurement according to claim 1, wherein the adjacent parts of the wiring in the temperature detecting portion are spaced apart from each other at a pitch of 100 μ m or more.

6.-18. (Canceled)

19. (Currently Amended) A flexible wired circuit board having a plurality of layers formed in a generally rectangular, flat, strip-shape, and having a central portion and end portions, for temperature measurement, said layers comprising:

a conductor layer having two sides; and

a base insulating layer having two sides, wherein one side of the conductor layer is formed on one side of said base insulating layer;

wherein the central portion of the base insulating layer is generally narrow;

wherein the end portions of the base insulating layer are relatively rectangular, flat and laterally widened;

wherein the conductor layer is formed from a metal foil having a proportional relation between temperature and specific electric resistance;

wherein said conductor layer includes a temperature detecting portion formed when said conductor layer is formed as a wiring portion and arranged in a predetermined pattern on said base insulating layer; and

wherein the temperature detecting portion is formed on the base insulating layer at one of the generally rectangular, flat, widened end portions of the base insulating layer.